

Public Notice

Permit Application Number: NRS# 04.040

Applicant: J & S Construction
1080 South Willow Avenue
Cookeville, TN 38501
931/528-7475

Location: Unnamed tributary of Ensor Sink southwest of the intersection of South Willow Avenue and Jackson Avenue, Cookeville, Putnam County TN.

Watershed Description: The proposed project is on an unnamed tributary of Ensor Sink, which is located within the Caney Fork River watershed (Hydrologic Map Unit TN05130108). The unnamed tributary is a spring fed, intermittent stream that consists of a gravelly silt substrate with an approximate bankfull width of 6'. Riparian habitat includes black willow, sweetgum, sycamore, cattail, and common privet. The immediate area of the site is within a mixed commercial, agricultural, and residential setting

Description: The applicant proposes to relocate an outfall structure at a wetland/detention basin and relocate 230' of the stream channel between the wetland/detention basin and a box culvert located on Willow Avenue. The relocated channel will consist of approximately 115' of open channel with the remainder being rerouted around the southern and eastern boundaries of the property through a pipe. The relocated channel will consist of three pool/riffle complexes and a substrate composed of various sized limestone rock. Four black willow (*Salix nigra*) and five red-osier dogwood (*Cornus stolonifera*) will be planted along the back (south) portion of the stream and ten red-osier dogwood and ten common elderberry (*Sambucus canadensis*) will be planted on the portion along eastern leg of the stream to stabilize the bank and to provide cover and food for urban wildlife.

Compensatory mitigation will be achieved by raising the elevation of the outfall structure at the wetland/detention basin which is expected to increase the depth of standing water during flow events and also cause an increase in the size of the wetland size to 1.5 acres. Wetland plantings will consist of twenty (20) trees of a mix of oaks including swamp white oak (*Quercus bicolor*), laurel oak (*Quercus laurifolia*), nuttall (*Quercus nuttalli*), overcup oak (*Quercus lyrata*), swamp chestnut oak (*Quercus michauxii*), and willow oak (*Quercus phellos*),

Permit Coordinator: Tracy J. Daugherty. STATE OF TENNESSEE, Department of Environment and Conservation, Division of Water Pollution Control, 7th Floor, L & C Annex, 401 Church Street, Nashville, Tennessee 37243-1534

USGS Quadrangle: West Cookeville, TN Quadrangle, 326 NE

THE EXACT LOCATION OF THE EXISTING UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION* ISSUED

THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER WORK IN PROGRESS.

BACKFILLED TO TOP OF SANDRAVE WITH CRUSHED STONE.

IN THE EVENT OF ANY DISCREPANCY AND FOR PROOF AGAINST THE
THE COMINATOR'S EXPENSE.

NO TREES ARE TO BE REMOVED AND/OR VEGETATION DISTURBED EXCEPT AS NECESSARY FOR GRADING PURPOSES.

HEATWELLS SHALL BE PRECAST BY SHEPHERD DIXIE OR APPROVED EQUAL.

1. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING.

